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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/511,760	10/19/2004	Hirohisa Miyazawa	029267.55527US	6723
23911	7590	11/03/2005	EXAMINER	
CROWELL & MORING LLP INTELLECTUAL PROPERTY GROUP P.O. BOX 14300 WASHINGTON, DC 20044-4300			WEISKOPF, MARIE	
			ART UNIT	PAPER NUMBER
			3661	

DATE MAILED: 11/03/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/511,760

Applicant(s)

MIYAZAWA, HIROHISA

Examiner

Marie A. Weiskopf

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 19 October 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-13 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-13 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 10/19/04 & 6/7/05.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

1. Claims 1-13 have been examined.

Specification

2. The disclosure is objected to because of the following informalities:
- Page 2, line 6 – “root” should be changed to “route”
 - Page 8, line 13 states speaker 31 and page 9, line 18 lists LCD panel 31.
 - Page 9, line 25 – “arithmetic processing unit 31” should be “arithmetic processing unit 34”
 - Page 10, line 7 – “arithmetic processing unit 21” should be “arithmetic processing unit 34”

Appropriate correction is required.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless – (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-7 and 9-13 are rejected under 35 U.S.C. 102(e) as being anticipated by Sekiyama (US 6,427,115.) Sekiyama discloses a portable terminal and an on-vehicle information processing device comprising:

- In regard to claim 1, a display device, which is the main device, that has a first processing unit, a display unit, an interface unit, and the first processing unit

controlling the display unit so as to display information related to the specific type of processing transmitted from the external information processing apparatus, which is the portable terminal, and also executes another type of processing related to the specific type of processing based upon an instruction provided by the portable terminal. (Column 3, line 30 – Column 4, line 7)

- In regard to claim 2, an information processing apparatus, which is the portable terminal, that has an interface unit, a second processing unit where the second processing unit issues an instruction to have the first processing unit at the display device execute another type of processing related to the specific type of processing. (Column 4, lines 30-32; Column 3, line 64 – Column 4, line 7)
- In regard to claim 3, an information processing system which comprises the above mentioned display device or main device and the information processing apparatus or portable terminal. The main device and portable terminal create an information processing system.
- In regard to claims 4, 5 and 9 the specific type of processing executed at the second processing unit includes processing related to road guidance (Column 5, lines 4-12), and the other type of processing at the first processing unit includes at least either processing for displaying a road map at the display unit or processing for a route search. (Column 4, lines 3-7)
- In regard to claims 6 and 11, a second display unit which is smaller in size than the display unit of the display device. (See figure 1)

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- In regard to claim 7, the information processing apparatus or portable terminal has a second display unit which is smaller in size than the display unit of the display device (See figure 1) and the specific type of processing executed includes processing related to road guidance and displaying at the second display unit a straight arrow or a bent arrow without displaying a map. (See figure 4b)
- In regard to claim 10, 12 and 13, the information processing apparatus or portable terminal includes a radio tuner (Column 4, lines 41-51) and the processing executed at the first processing unit includes audio processing. (Column 3, lines 46-50)

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claim 8 is rejected under 35 U.S.C. 103(a) as being unpatentable over Sekiyama (US 6,427,115.) Sekiyama fails to disclose the first processing unit achieving a higher processing performance level than the second processing unit, however, it would have been obvious to one having ordinary skill in the art at the time of the invention to create the first processing unit to have a higher processing performance level in order to allow the first processing unit to execute the navigation functions quickly since the first

processing unit is doing the route searching, displaying map data and also audio processing.

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

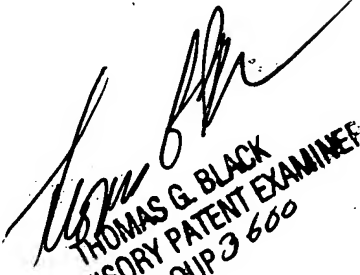
- US 6,839,630 to Sakamoto discloses a navigation system with a main device and an off-vehicle device, each device having it's own processor.
- US 6,347,278 to Ito discloses a mobile terminal and a server for navigation system.
- US 6,748,321 to Watanabe et al discloses a navigation system equipped with a portable sub-navigation unit.
- US 6,487,493 to Uekawa et al discloses a navigation device having a platform-dependent part and a user-interface-dependent part of supplying navigation services.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Marie A. Weiskopf whose telephone number is (571) 272-6288. The examiner can normally be reached on Monday-Thursday between 7:00 AM and 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas Black can be reached on (571) 272-6956. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


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